

ALLOTMENT BOUNDARIES GIS DATA STANDARD

BLM New Mexico
November 2001

Standard coverage name:

<office>_r1allot [<office> = the multi-character abbreviation for the office]

Valid feature types:

Polygons

Data description:

This coverage is used to denote the BLM grazing allotment (ranch) boundaries. It is used as both polygon and arc information. Examples of its usage are in planning documents, environmental assessments, special projects and allotment case files.

Preparation:

Information is captured at a 1:24,000 scale. Traditionally allotment boundaries follow section lines, ownership, natural boundaries or transportation. When this is the case, the previous information should be duplicated to the allotment coverage. Allotment boundaries following roads should be beside the road, not down the middle. In some cases this will require arcs on either side of the road. Some portions of allotment boundaries follow contours, which, again can be duplicated. In rare instances the boundary may be a donkey trail or new data to be digitized from a 1:24,000 USGS topographic map.

GPS data dictionary: (Trimble products only)

None.

Related documents/forms:

None.

Polygon features:

The following Item Definitions table contains the valid items in the polygon attribute table (.pat) in addition to the default .pat items.

Item Definitions:

Items (in General) - Every effort is being made to update this coverage so that it provides as much basic information as the range program needs, while at the same time improving the quality of the data, and also coordinating with existing Forest Service data and needs. This is why, for instance, the allotment number is defined as being 6 wide (to match FS data) when it really only needs to be 5 characters wide for BLM purposes. Also, should we merge data between the two agencies, it will be successful.

ITEM NAME	INPUT WIDTH	OUTPUT WIDTH	ITEM TYPE	ITEM DESCRIPTION
Label	52	52	C	Currently contains the 5-digit allotment number. Could be used as a flexible item of office to use as they wish.
Allotment_nbr	5	5	C	Contains the 5-digit allotment number. This item is structured so it will interface with the Rangeland Information System (RIS). Until such time as the allotment number can be transferred from "LABEL" To "ALLOTMENT_NBR", both items will remain. The long-term proposal will be to "drop item" on "LABEL".
Type	1	1	C	Data in this item will be "M", "I", or "C", in capital letters. M = Maintain I = Improve C = Custodial <i>The Forest Service uses this item for information such as: S=Stocked, V=Vacant, or D=Driveway. Even though the uses for the item differ between agencies, the structure is the same.</i>
Allotment_name	25	25	C	Data is the name of the allotment, in all capital letters. The GABS program only allows for 20 characters wide so the 25 wide is more than ample. This is also consistent with Forest Service data. Exceptions to the allotment name include the input of "HAB", which is Historical Allotment Boundary. Also, public land which is not included in an allotment is denoted as "UNALLOTTED". There are some instances of a land status which needs to be denoted as "UNCONTROLLED".
Acres	9	9	I	This information is derived through a statistical command; eg. calculate acres = area / 4047
Source	3	3	I	The source/collection method of the data. <i>See SOURCE ITEM DESCRIPTION LIST.</i>
Plan	3	3	C	Indicates " YES " the allotment has an approved plan or " NO " it doesn't.

Plan_type	4	4	C	<p>If the allotment has an approved plan, this indicates the type of plan.</p> <p>AMP = Allotment Management Plan CRMP = Coordinated Resource Management Plan</p>
Plan_year	4	4	C	4-digit year the plan was written.
Pref_code	2	2	I	<p>03 = Allotment within grazing district 15 = Allotment outside grazing district</p>
Carto_name	25	25	C	The allotment name in initial caps. This item is utilized only for cartographic purposes.

SOURCE ITEM DESCRIPTION LIST

BLM New Mexico GIS Data Standard
November 2001

- 1 = DLG
- 2 = GPS
- 3 = Digitized from 1:24,000 topographic map
- 4 = Digitized from 1:100,000 land status map
- 5 = Digitized from 1:250,000 map
- 6 = Digitized from 1:500,000 map
- 7 = Digitized on screen
- 8 = Spot Imagery
- 9 = Landsat Imagery
- 10 = Aerial Photography
- 11 = DEM
- 12 = DRG
- 13 = DOQQ
- 14 = ArcInfo generate